

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF THE CLAIMS:

1. (Canceled)

2. (Currently Amended) The method for determining the identity of a person as claimed in Claim [[1]] 7, wherein said stimulus comprises one or more from the group comprising: audio, visual and olfactory stimuli.

3. (Currently Amended) The method for determining the identity of a person as claimed in Claim [[1]] 7, wherein said stimulus comprises one of: speech or spoken words stimuli.

4. (Currently Amended) The method for determining the identity of a person as claimed in Claim [[1]] 7, wherein said stimulus comprises administration of a psychological profile test.

5. (Canceled)

6. (Currently Amended) The method for determining the identity of a person as claimed in Claim [[5]] 7, wherein said user's emotional response characteristics includes one or more of: audible emotional cues or visual emotional cues.

7. (Currently Amended) The A method for determining the identity of a person as claimed in Claim 5, comprising:

a prior enrollment stage including steps of:

a) applying a stimulus to a user of the person to be identified;

b) applying a sensor means for detecting one or more of that user's emotional,

behavioral or physiological response to said stimulus;

c) generating a model representing that user's emotional, behavioral or physiological response to said stimulus and storing said model; and,

a subsequent recognition stage including the step of:

- d) presenting said stimulus to the user to be identified;
- e) detecting one or more of that user's emotional, behavioral or physiological response to said stimulus;
- f) comparing said emotional, behavioral or physiological response with said stored user's model representing the emotional, behavioral or physiological response for that user; and,
- g) determining whether said user is the same if a match exists as a result of said comparison,

wherein said sensor means for detecting a user's physical behavioral response comprises an Electroencephalograph (EEG), wherein said user's response comprises EEG signals.

8. (CurrentlyAmended) ~~The A~~ method for determining the identity of a person ~~as claimed in Claim 5, comprising:~~

a prior enrollment stage including steps of:

- a) applying a stimulus to a user of the person to be identified;
- b) applying a sensor means for detecting one or more of that user's emotional, behavioral or physiological response to said stimulus;
- c) generating a model representing that user's emotional, behavioral or physiological response to said stimulus and storing said model; and,

a subsequent recognition stage including the step of:

- d) presenting said stimulus to the user to be identified;
- e) detecting one or more of that user's emotional, behavioral or physiological response to said stimulus;
- f) comparing said emotional, behavioral or physiological response with said stored user's model representing the emotional, behavioral or physiological response for that user; and,
- g) determining whether said user is the same if a match exists as a result of said comparison,

wherein said sensor means for detecting a user's physical behavioral response characteristics includes a polygraph machine, said user's response comprising polygraph measurement signals.

9. (CurrentlyAmended) The method for determining the identity of a person as claimed in Claim [[1]] 7, wherein said comparing step f) includes evaluating how consistent the user's response is to similar stimuli as previously applied during said enrollment stage.

10. (Original) The method for determining the identity of a person as claimed in Claim 9, wherein during said enrollment stage, said generated model includes a data structure representative of said user's behavior, and during said recognition stage, said step of generating a data structure representing said user's detected behavioral response, wherein said step of evaluating consistency of the user's response including the step of determining a distance between said stored data structure generated during enrollment and said data structure obtained during said recognition.

11. (Canceled)

12. (CurrentlyAmended) The system for determining the identity of a person as claimed in Claim [[11]] 15, wherein said stimulus comprises one or more from the group comprising: audio, visual and olfactory stimuli.

13. (CurrentlyAmended) The system for determining the identity of a person as claimed in Claim [[11]] 15, wherein said stimulus comprises administration of a psychological profile test.

14. (CurrentlyAmended) The system for determining the identity of a person as claimed in Claim [[11]] 15, wherein said means for detecting a user's response comprises a sensor means for detecting a user's emotional or physical response characteristics, said user's emotional response characteristics including one or more selected from the group comprising: audible emotional cues or visual emotional cues.

15. (Currently Amended) A The system for determining the identity of a person as claimed in Claim 14, comprising:

a) means for applying a stimulus to a user of the person to be identified during a prior enrollment stage and during a subsequent recognition stage;

b) means for detecting one or more of that user's emotional, behavioral or physiological response during both said enrollment and subsequent recognition stages;

c) means for generating a model representing that user's response to said stimulus during said prior enrollment stage and storing said model; and

d) means for comparing said user's emotional, behavioral or physiological response with said stored user's model representing the response for that user, whereby an identity of said user may be confirmed if a match exists as a result of said comparison,

wherein said sensor means for detecting a user's physical response characteristics includes an Electroencephalograph (EEG), said behavioral response comprising EEG signals.

16. (Currently Amended) A The system for determining the identity of a person as-claimed in Claim 14,

a) means for applying a stimulus to a user of the person to be identified during a prior enrollment stage and during a subsequent recognition stage;

b) means for detecting one or more of that user's emotional, behavioral or physiological response during both said enrollment and subsequent recognition stages;

c) means for generating a model representing that user's response to said stimulus during said prior enrollment stage and storing said model; and

d) means for comparing said user's emotional, behavioral or physiological response with said stored user's model representing the response for that user, whereby an identity of said user may be confirmed if a match exists as a result of said comparison,

wherein said sensor means for detecting a user's physical response characteristics includes a polygraph machine, said behavioral response comprising polygraph measurement signals.

17. (Currently Amended) The system for determining the identity of a person as claimed in Claim [[11]] 15, wherein said means for comparing said user's response with said stored user's model includes evaluating how consistent the user's response is to similar stimuli as previously applied during said enrollment stage.

18. - 20. (Canceled)